

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/698,781

DATE: 11/08/2000
 TIME: 10:01:20

Input Set : A:\Seqlist.txt
 Output Set: N:\CRF3\11082000\I698781.raw

ENTERED

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4 <110> APPLICANT: Rene S. Hubert
5      Arthur B. Raitano
6      Daniel E.H. Afar
7      Steve Chappell Mitchell
8      Mary Faris
9      Aya Jakobovits
11 <120> TITLE OF INVENTION: DIAGNOSIS AND THERAPY OF CANCER USING
12      SGP28-RELATED MOLECULES
15 <130> FILE REFERENCE: 129.23-US-U1
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/698,781
C--> 17 <141> CURRENT FILING DATE: 2000-10-27
17 <150> PRIOR APPLICATION NUMBER: 60/162,610
18 <151> PRIOR FILING DATE: 1999-10-28
20 <160> NUMBER OF SEQ ID NOS: 36
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 256
26 <212> TYPE: DNA
27 <213> ORGANISM: Homo Sapiens
29 <400> SEQUENCE: 1
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31 agggacagtt gcaaggcctc ctgcaattgt tcaaacagca ttatttaaatt acgcattaca      120
32 caccgagtag ggctatgtag agaggagtcga gattatctac ttagatttgg catctactta      180
33 gatttaacat atactagctg agaaattgta ggcattgttg atacacattt gatttcaaat      240
34 gtttttcttc tggatc                                     256
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 2144
38 <212> TYPE: DNA
39 <213> ORGANISM: Homo Sapiens
41 <400> SEQUENCE: 2
42 tgatgaacaa aatacttcat cctgctctgg aaaccactgc aatgacatta ttcccagtgc      60
43 tgttgttccct ggttgcctgg ctgcttccat cttttccagc aaatgaagat aaggatcccg      120
44 cttttactgc ttgtttaaacc acccaaacac aagtgcacaa ggagattgtg aataagcaca      180
45 atgaactgag gagagcagta tctccccctg ccagaaacat gctgaagatg gaatggaaca      240
46 aagaggctgc agcaaatgcc caaaagtggg caaacacagt caattacaga cacagtaacc      300
47 caaaggatcg aatgacaagt ctaaaatgtg gtgagaatct ctacatgtca agtgccccc      360
48 gctcatggtc acaagcaatc caaagctggt ttgatgagta caatgatttt gactttggtg      420
49 tagggccaaa gactcccaac gcagtgggtg gacattatac acaggttgtt tggactcttt      480
50 catacctcgt tggatgtgga aatgcctact gtcccaatca aaaagttcta aaatactact      540
51 atgttttgca atattgtcct gctggtaatt gggctaatag actatatgtc cttatgaac      600
52 aaggagcacc ttgtgcagat tgcccagata actgtgacga tggactatgc accaatggtt      660
53 gcaagtacga agatctctat agtaactgta aaagtgtgaa gctcacatta acctgtaaac      720
54 atcagtttgt cagggacagt tgcaggcat cctgcaattg ttcaaacagc atttattaaa      780
55 tacgcattac acaccgagta gggctatgta gagaggagtc agattatcta cttagatttg      840
56 gcattctact agatttaca taaactagct gagaaattgt aggcattgtt gatacacatt      900
57 tgatttcaaa tgtttttctt ctggatctgc tttttatttt acaaaaatat ttttcataca      960
58 aatggttaaa aagaaacaaa atctataaca acaacttttg atttttatat ataaactttg      1020

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59 tgaatttaaat ttactgaatt taattagggg gaaaattttg aaagttgtat tctcatatga 1080
60 ctaagttcac taaaaccctg gattgaaagt gaaaattatg ttccatagaac aaaatgtaca 1140
61 aaaagaacaa tataattttc acatgaaccc ttggctgtag ttgcctttcc tagctccact 1200
62 ctaaggctaa gcattctcaa agacgttttc ccatatgctg tcttaattct ttctactcat 1260
63 tcacccttct tcccaatcat ctggctggca tcttcacaat tgagttgaag ctgttcctcc 1320
64 taaaacaatc ctgacttltt ttttgccaaa atcaatacaa tcttttgaat tttttatctg 1380
65 cataaatttt acagtagaat atgatcaaac cttcattttt aaacctctct tctctttgac 1440
66 aaaacttctt taaaaaagaa tacaagataa tataggtaaa taccctccac tcaaggaggt 1500
67 agaactcagt cctctccctt gtgagttctt actaaaatca gtgactcact tccaaagagt 1560
68 ggagtatgga augggaaaca tagtaacttt acaggggaga aaaatgacaa atgacgtctt 1620
69 caccaagtga tcaaaattaa cgtcaccagt gataagtcac tcagatttgt tctagataat 1680
70 ctttctaaaa attcataatc ccaatctaata tatgagctaa aacatccagc aaactcaagt 1740
71 tgaaggacat tctacaaaaa atccctgggg tatttttagag tattctctaa aactgtaaaa 1800
72 atcatggaaa ataugggaaat cctgagaaac aatcacagac cacatgagac taaggagacu 1860
73 tgtgagccaa atgcaatgtg cttcttggat cagatcctgg aacagaaaaa gatcagtaat 1920
74 gaaaaaactg atgaagtctg aatagaatct ggagtatatt taacagtagt gttgatttct 1980
75 taatcttgac aaatatagca gggtaatgta agatgataac gttagagaaa ctgaaactgg 2040
76 gtgagggcta tctaggaatt ctctgtacta tcttaccaaa ttttcggtaa gtcataagaaa 2100
77 gcaatgcaaa ataaaaagta tcttgaaaaa aaaaaaaaaa aaaa 2144
79 <210> SEQ ID NO: 3
80 <211> LENGTH: 258
81 <212> TYPE: PRT
82 <213> ORGANISM: Homo Sapiens
84 <400> SEQUENCE: 3
85 Met Lys Gln Ile Leu His Pro Ala Leu Glu Thr Thr Ala Met Thr Leu
86 1 5 10 15
87 Phe Pro Val Leu Leu Phe Leu Val Ala Gly Leu Leu Pro Ser Phe Pro
88 20 25 30
89 Ala Asn Glu Asp Lys Asp Pro Ala Phe Thr Ala Leu Leu Thr Thr Gln
90 35 40 45
91 Thr Gln Val Gln Arg Glu Ile Val Asn Lys His Asn Glu Leu Arg Arg
92 50 55 60
93 Ala Val Ser Pro Pro Ala Arg Asn Met Leu Lys Met Glu Trp Asn Lys
94 65 70 75 80
95 Glu Ala Ala Ala Asn Ala Glu Lys Trp Ala Asn Gln Cys Asn Tyr Arg
96 85 90 95
97 His Ser Asn Pro Lys Asp Arg Met Thr Ser Leu Lys Cys Gly Glu Asn
98 100 105 110
99 Leu Tyr Met Ser Ser Ala Pro Ser Ser Trp Ser Gln Ala Ile Gln Ser
100 115 120 125
101 Trp Phe Asp Glu Tyr Asn Asp Phe Asp Phe Gly Val Gly Pro Lys Thr
102 130 135 140
103 Pro Asn Ala Val Val Gly His Tyr Thr Gln Val Val Trp Tyr Ser Ser
104 145 150 155 160
105 Tyr Leu Val Gly Cys Gly Asn Ala Tyr Cys Pro Asn Gln Lys Val Leu
106 165 170 175
107 Lys Tyr Tyr Tyr Val Cys Gln Tyr Cys Pro Ala Gly Asn Trp Ala Asn
108 180 185 190
109 Arg Leu Tyr Val Pro Tyr Glu Gln Gly Ala Pro Cys Ala Ser Cys Pro

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110          195          200          205
111 Asp Asn Cys Asp Asp Gly Leu Cys Thr Asn Gly Cys Lys Tyr Glu Asp
112      210          215          220
113 Leu Tyr Ser Asn Cys Lys Ser Leu Lys Leu Thr Leu Thr Cys Lys His
114 225          230          235          240
115 Gln Leu Val Arg Asp Ser Cys Lys Ala Ser Cys Asn Cys Ser Asn Ser
116          245          250          255
117 Ile Tyr
120 <210> SEQ ID NO: 4
121 <211> LENGTH: 24
122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Primer
128 <400> SEQUENCE: 4
129 agttgccttt cctagctcca ctct
131 <210> SEQ ID NO: 5
132 <211> LENGTH: 24
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Primer
139 <400> SEQUENCE: 5
140 tccctttcca tactccactc ttty
142 <210> SEQ ID NO: 6
143 <211> LENGTH: 11
144 <212> TYPE: PRT
145 <213> ORGANISM: Homo Sapiens
147 <400> SEQUENCE: 6
148 Val Val Gly His Tyr Thr Gln Val Val Trp Tyr
149 1          5          10
151 <210> SEQ ID NO: 7
152 <211> LENGTH: 12
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo Sapiens
156 <400> SEQUENCE: 7
157 Tyr Tyr Val Cys Gln Tyr Cys Pro Ala Gly Asn Trp
158 1          5          10
160 <210> SEQ ID NO: 8
161 <211> LENGTH: 4
162 <212> TYPE: PRT
163 <213> ORGANISM: Homo Sapiens
165 <400> SEQUENCE: 8
166 Asn Cys Ser Asn
167 1
169 <210> SEQ ID NO: 9
170 <211> LENGTH: 4
171 <212> TYPE: PRT
172 <213> ORGANISM: Homo Sapiens

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174 <400> SEQUENCE: 9
175 Ser Trp Phe Asp
176 1
178 <210> SEQ ID NO: 10
179 <211> LENGTH: 4
180 <212> TYPE: PRT
181 <213> ORGANISM: Homo Sapiens
183 <400> SEQUENCE: 10
184 Ser Cys Pro Asp
185 1
187 <210> SEQ ID NO: 11
188 <211> LENGTH: 7
189 <212> TYPE: PRT
190 <213> ORGANISM: Homo Sapiens
192 <400> SEQUENCE: 11
193 Lys Cys Gly Glu Asn Leu Tyr
194 1 5
196 <210> SEQ ID NO: 12
197 <211> LENGTH: 6
198 <212> TYPE: PRT
199 <213> ORGANISM: Homo Sapiens
201 <400> SEQUENCE: 12
202 Gly Leu Leu Pro Ser Phe
203 1 5
205 <210> SEQ ID NO: 13
206 <211> LENGTH: 6
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo Sapiens
210 <400> SEQUENCE: 13
211 Gly Cys Gly Asn Ala Tyr
212 1 5
214 <210> SEQ ID NO: 14
215 <211> LENGTH: 6
216 <212> TYPE: PRT
217 <213> ORGANISM: Homo Sapiens
219 <400> SEQUENCE: 14
220 Gly Asn Trp Ala Asn Arg
221 1 5
223 <210> SEQ ID NO: 15
224 <211> LENGTH: 6
225 <212> TYPE: PRT
226 <213> ORGANISM: Homo Sapiens
228 <400> SEQUENCE: 15
229 Gly Ala Pro Cys Ala Ser
230 1 5
232 <210> SEQ ID NO: 16
233 <211> LENGTH: 6
234 <212> TYPE: PRT
235 <213> ORGANISM: Homo Sapiens

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Input Set : A:\Seqlist.txt
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237 <400> SEQUENCE: 16
238 Gly Leu Cys Thr Asn Gly
239 1 5
241 <210> SEQ ID NO: 17
242 <211> LENGTH: 9
243 <212> TYPE: PRT
244 <213> ORGANISM: Homo Sapiens
246 <400> SEQUENCE: 17
247 Thr Leu Phe Pro Val Leu Leu Phe Leu
248 1 5
250 <210> SEQ ID NO: 18
251 <211> LENGTH: 9
252 <212> TYPE: PRT
253 <213> ORGANISM: Homo Sapiens
255 <400> SEQUENCE: 18
256 Val Leu Leu Phe Leu Val Ala Gly Leu
257 1 5
259 <210> SEQ ID NO: 19
260 <211> LENGTH: 9
261 <212> TYPE: PRT
262 <213> ORGANISM: Homo Sapiens
264 <400> SEQUENCE: 19
265 Ala Leu Leu Thr Thr Gln Thr Gln Val
266 1 5
268 <210> SEQ ID NO: 20
269 <211> LENGTH: 9
270 <212> TYPE: PRT
271 <213> ORGANISM: Homo Sapiens
273 <400> SEQUENCE: 20
274 Val Val Trp Tyr Ser Ser Tyr Leu Val
275 1 5
277 <210> SEQ ID NO: 21
278 <211> LENGTH: 9
279 <212> TYPE: PRT
280 <213> ORGANISM: Homo Sapiens
282 <400> SEQUENCE: 21
283 Thr Leu Thr Cys Lys His Gln Leu Val
284 1 5
286 <210> SEQ ID NO: 22
287 <211> LENGTH: 9
288 <212> TYPE: PRT
289 <213> ORGANISM: Homo Sapiens
291 <400> SEQUENCE: 22
292 Gly Asn Trp Ala Asn Arg Leu Tyr Val
293 1 5
295 <210> SEQ ID NO: 23
296 <211> LENGTH: 9
297 <212> TYPE: PRT
298 <213> ORGANISM: Homo Sapiens

VERIFICATION SUMMARY DATE: 11/08/2000
PATENT APPLICATION: US/09/698,781 TIME: 10:01:21

Input Set : A:\Seqlist.txt
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L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date